

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Applicant:	Timothy H. Hunter	)
		) Group Art Unit: Unknown
Serial No.:	Unknown	)
		) Examiner: Unknown
Filed:	Concurrently herewith	)
		)
For:	TRANSMISSIONLESS VARIABLE	)
	OUTPUT PUMPING UNIT	)

**INFORMATION DISCLOSURE STATEMENT**

Mail Stop Patent Application  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450

SIR:

**Section 1. Preliminary Statements**

Applicant submits herewith patents, publications or other information, of which he is aware, that he believes may be material to the examination of this application and in respect of which there may be a duty to disclose.

The filing of this Information Disclosure Statement shall not be construed as a representation that a search has been made, an admission that the information cited is, or is considered to be, material to patentability, or that no other material information exists.

The filing of this Information Disclosure Statement shall not be construed as an admission against interest in any manner.

**Section 2. Form PTO-1449 (Modified)**

A Form PTO-1449 (Modified) is filed concurrently herewith.

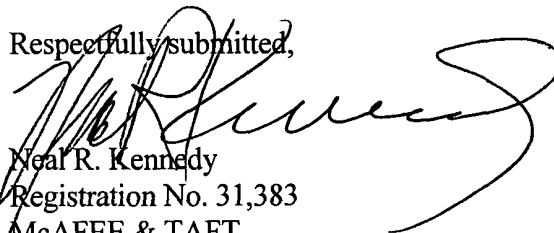
**Section 3. Copies Of Listed Information Items Accompanying This Statement**

Legible copies of all items listed in Form PTO-1449 (Modified) accompany this Information Disclosure Statement.

**Section 4. Identification Of Person Making This Information Disclosure Statement**

The person making this statement is the practitioner who signs below on the basis of information supplied by the inventor, supplied by individuals associated with the filing and prosecution of this application, and/or in the practitioner's file.

Respectfully submitted,



Neal R. Kennedy

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Attorney for Applicant

Substitute for form 1449/PTO

*(Use as many sheets as necessary)*

**Complete if Known**

Application Number

Filing Date

**First Named Inventor**

Timothy H. Hunter

**Art Unit**

Examiner Name

Attorney Docket Number

HES 2002-IP-007919

Sheet

1

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## U. S. PATENT DOCUMENTS

[illegible]

**FOREIGN PATENT DOCUMENTS**

[illegible]

Examiner  
Signature

Date  
Considered

\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant. <sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup> Enter Office that issued the document, by the two-letter code (WIPO Standard ST.3). <sup>4</sup> For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup> Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup> Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.97 and 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.

*If you need assistance in completing the form, call 1-800-PTO-9199 (1-800-786-9199) and select option 2.*

Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it contains a valid OMB control number.

Substitute for form 1449/PTO  <b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>  (Use as many sheets as necessary)		<b>Complete if Known</b>			
		Application Number			
		Filing Date			
		First Named Inventor	Timothy H. Hunter		
		Art Unit			
		Examiner Name			
Sheet	2	of	2	Attorney Docket Number	HES 2002-IP-007919

NON PATENT LITERATURE DOCUMENTS			
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T <sup>2</sup>
	7	Displacement Pump Definitions, pages 261 and 262; undated but admitted to be prior art	
	8	BarDyne Inc., Stillwater, OK, "Hydraulic System Design for Service Assurance," pgs. 248-259 (1999)	

Examiner Signature		Date Considered	
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<sup>1</sup> Applicant's unique citation designation number (optional). <sup>2</sup> Applicant is to place a check mark here if English language Translation is attached.

This collection of information is required by 37 CFR 1.98. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 120 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, Washington, DC 20231.

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		)	
For:	TRANSMISSIONLESS VARIABLE	)	
	OUTPUT PUMPING UNIT	)	

**SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT**

ASSISTANT COMMISSIONER FOR PATENTS  
Washington, D.C. 20231

SIR:

The following document is known to Applicant or Applicant's attorneys and is submitted for the Examiner to consider in the above-captioned application.

**FOREIGN PATENTS**

United Kingdom Patent Number GB 2 099 519 A published December 8, 1982.

Copies of the aforementioned references and Form PTO-1449 are submitted herewith.

Respectfully submitted,



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<b>FORM PTO-1449 (Modified)</b>  LIST OF PATENTS AND PUBLICATIONS FOR APPLICANT'S INFORMATION DISCLOSURE STATEMENT  (Use several sheets if necessary)	ATTY. DOCKET NO. 2002-IP-007919U1	SERIAL NO. unknown
	APPLICANT Timothy H. Hunter	
	FILING DATE concurrently herewith	GROUP unknown

## U.S. PATENT DOCUMENTS

EXAMINER INITIAL		Document No.	Date	Name	Class	Subclass	Filing Date if Appropriate
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						
	AJ						
	AK						

## FOREIGN PATENT DOCUMENTS

		Document No.	Date	Country	Class	Subclass	Translation	
							Yes	No
	AL	GB 2 099 519 A	12/08/82	United Kingdom	F04B	49/00	X	
	AM							
	AN							
	AO							
	AP							

## OTHER ART (Including Author, Title, Date, Pertinent Pages, Etc.)

	AR		
	AS		
	AT		

EXAMINER

DATE CONSIDERED

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